

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/FI2004/000586

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B01J4/00 B01J19/26 D21H23/04 B05B7/04 B01F5/04  
B01F3/08

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B01J D21H B05B B01F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 387 247 B1 (CHEN YE-MON) 14 May 2002 (2002-05-14) column 3, line 65 - column 5, line 7 figures 1,2a	8-16,18, 23,24
X	US 945 143 A (SMAMEK JACQUES) 4 January 1910 (1910-01-04)  figure 1	1,3-5, 8-11,14, 15,20-22
A	WO 99/43887 A (AHLSTROM MACHINERY OY ; MATULA JOUNI (FI)) 2 September 1999 (1999-09-02) cited in the application the whole document	1,8
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

18 January 2005

Date of mailing of the international search report

25/01/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	FR 952 711 A (TIJOUX M. PIERRE) 23 November 1949 (1949-11-23) the whole document -----	1, 3-5, 8-11
A	FR 1 453 925 A (CELANESE CORP) 22 July 1966 (1966-07-22) page 4, paragraph 4 - paragraph 6 figure 7 -----	8-12, 19

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Information on patent family members

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